

Patent Abstracts of Japan

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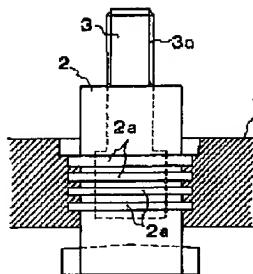
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TITLE : TERMINAL FOR LEAD-ACID BATTERY



ABSTRACT : PROBLEM TO BE SOLVED: To prevent deformation and damage of a screw thread even if it is repeatedly mounted and demounted, and firmly install an external terminal by using a stainless steel plated with nickel and solder as a bolt or a nut.

SOLUTION: A bushing 2 is formed in a column shape, and four-strip collars 2a are formed on a peripheral wall of an intermediate part, and when they are integrally formed with a cover 1, airtightness is kept. In a bolt 3 or a nut, at least a part of an embedded part is not formed in a column shape so as not to rotate between it and the bushing 2 in fastening. First of all, a stainless bar is worked, and the bolt 3 is manufactured, and after this bolt 3 is electrolytically degreased, nickel plating is performed on a surface of the bolt 3 after passing through a cleaning process of water and hydrochloric acid. Next, it is washed by water, and solder plating on which the ratio of lead to tin is 1 to 9 is performed on the nickel plating, and the bolt 3 is manufactured. The bolt 3 is arranged in a casing mold, and molten metal of Pb-Ca type alloy is poured into it, and a terminal A is obtained.

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